

Lodi Citizen's Monitoring - Lodi, California

APRIL 2006

Weather: Windy, light overcast, temperature 22C (71 F)
 date Water very turbid with some olive-brown color reported.
 14-Apr-06 High flow, water in Lodi Lake

Test Site	Date	Time	pH	Water Temperature		Dissolved Oxygen mg/L	Turbidity NTU	(TDS) Conduct. uS	Nitrate, as mg/L Nitrogen	Remarks
Site #1 River before City Storm System inlets	14-Apr-06	13:10	7.1 A	11.4 C A	52.5 F	NA	15.4 ntu B	40 A	0 A	DO Meter -low battery River Otter sighted
Site # 2 River near Casa de Lodi	14-Apr-06	13:40	6.9 B	12.7 C A	54.9 F	NA	11.2 ntu B	40 A	0 A	High water, sampled at base of ramp
Site # 5 River at 1050 N Lincoln	14-Apr-06	15:38	6.6 B	12.0 C A	53.6 F	9.5 A	14.3 ntu B	50 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	14-Apr-06	15:05	7.2 A	11.8 C A	53.2 F	9.6 A	13.1 ntu B	40 A	0 A	
Site # 7 River, near Gazebo N/O Lodi Lake	14-Apr-06	15:30	8.0 A	11.1 C A	52.0 F	11.9 A	NA	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	14-Apr-06	15:08	7.5 A	15.5 C B	59.9 F	11.8 A	NA	40 A	0 A	
Site # 8 Lodi Lake near Storm Drain	14-Apr-06	15:23	7.8 A	13.2 C A	55.8 F	10.6 A	9.8 ntu B	40 A	NA	About 25m closer to river than normal
Site # 9 River at WID Dam	14-Apr-06	15:38	7.6 A	11.7 C	53.1 F	10.1	14.0 ntu B	40 A	NA	

Weather: Clear, calm, temperature 27C (80 F)
 date Water was very turbid and some olive-brown color reported.
 28-Apr-06 Very high flow (Max controlled release), Lodi Lake level high

Site #1 River before City Storm System inlets	28-Apr-06	12:05	7.4 A	14.6 C A	58.3 F	NA	9.3 ntu B	40 A	0 A	DO meter not working
Site # 2 River near Casa de Lodi	28-Apr-06	12:20	7.2 A	15.1 C A	59.2 F	NA	5.6 B	NA	0 A	Water 3' deep in park, warmer than river
Site # 5 River at 1050 N Lincoln	NA									
Site # 7 River, near Gazebo N/O Lodi Lake	28-Apr-06	15:15	7.8 A	12.5 C A	54.5 F	11.0 A	8.0 ntu B	40 A	0 A	
Site # 7A East end (S/o SD) Lodi Lake	NA									
Site # 8 Lodi Lake near Storm Drain	28-Apr-06	15:35	7.1 A	14.1 C A	57.4 F	10.9 A	8.8 ntu B	40 A	0 A	
Site # 9 River at WID Dam	28-Apr-06	16:00	7.1 A	12.9 C A	55.2 F	10.8 A	11.1 ntu B	40 A	0 A	

NA = Not Analyzed

<u>GRADE:</u> pH	<u>Temp</u>	<u>D.O.</u>	<u>Turbidity</u>	<u>TDS</u>	<u>Nitrates</u>
A 7.0 - 8.0	Weather	> 85% Saturation	< 5	< 150	< 1
B 6.5-6.9, 8.1-8.5	and	75-84% Sat.	5 - 20	151 - 300	2 - 3

C	6.0-6.4, 8.6-9.0	condition	65-74% Sat.	21 - 50	301 - 500	4 - 5
D	5.5-5.9, 9.1-9.5	dependent	55-64% Sat.	50 - 150	501 -1000	6 - 10
F	<5.5, >9.5		< 55%Sat.,<5.0mg/L	> 150	> 1000	> 10